

FORM PTO-1449	ATTY. DOCKET NO. 182.0001	AL NO. 09/512,810
APPLICANT BRANSTROM ET AL.		
FILING DATE February 25, 2000	GROUP 1641	

REFERENCE DESIGNATION U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS
<i>AK</i>	A	3,891,751	6/1975	PILET ET AL.		
	B	4,888,170	12/1989	CURTISS, III, ROY		
	C	5,077,044	12/1991	STOCKER, BRUCE A.D.		
	D	5,112,749	5/12/1992	BREY, III, ET AL.		
	E	5,468,485	11/21/1995	CURTIS, III, ROY		
	F	5,672,345	9/30/1997	CURTISS, III, ROY		
	G	5,824,538	10/20/1998	BRANSTROM ET AL.		
	H	5,877,159	3/2/1999	POWELL ET AL.		

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLAS	TRANSLATION
<i>AK</i>	I	0,211,543	2/25/1987	EPO			

OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, etc.)

<i>AK</i>	J1	Zabner et al, "Cellular and molecular barriers to gene transfer by cationic lipid."
		J Biol Chem, Aug 1995, 270 (32): 18997-19007 abstract
	J2	Higgins et al. "Bacterial delivery of DNA evolves", Nature Biotechnology, February
		1998, 16:138-139.
EXAMINER	DATE CONSIDERED	
JAMES KETTER PRIMARY EXAMINER	9/19/01	

FORM PTO-1449	ATTY. DOCKET NO.	182.0001	AL NO.	09/512,810
APPLICANT		BRANSTROM ET AL.		
FILING DATE		February 25, 2000	GROUP	1641

REFERENCE DESIGNATION U.S. PATENT DOCUMENTS
OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, etc.)

J3	Zychlinsky et al, "IpaB mediates macrophage apoptosis induced by <i>Shigella flexneri</i> ."	
	Mol Microbiol, 1994, 11 (4): 619-627 abstract.	
	J4	Zychlinsky et al, "Molecular and cellular mechanisms of tissue invasion by <i>Shigella flexneri</i> ." Ann NY Acad Sci, 1994, 730: 197-208.
	J5	Galan et al. "Cloning and characterization of the <i>asd</i> gene of <i>Salmonella typhimurium</i> : use in stable maintenance of recombinant plasmids in <i>salmonella</i> vaccine strains", Gene, 1990, 94:29-35.
	J6	Hatten et al. "Cloning and characterization of the Neisserian meningitidis <i>asd</i> gene", Gene, 1993, 129: 123-128.
	J7	Slauch et al. "In Vivo Expression Technology for Selection of Bacterial Genes Specifically Induced in Host Tissues", Methods In Enzymology, 1994, 235: 481-492.
	J8	Powell et al, "Introduction of Eukaryotic expression cassettes into animal cells using a bacterial vector delivery system." Vaccines, 1996, 183 abstract
	J9	Donnelly et al. "Immunization with DNA. <i>J. Immun. Methods</i> , 1994, 176: 145-152.
	J10	El-Hajj et al. "Lethality of a <i>dut</i> (Deoxyuridine Triphosphatase) Mutation in <i>Escherichia coli</i> ", Journal of Bacteriology, 1988, 170(3): 1069-1075.
J11	High et al. "IpaB of <i>Shigella Flexneri</i> causes entry into epithelial cells and escape from the phagocytic vacuole", The EMBO Journal, 1992, 11(5): 1991-1999.	
J12	Oyston et al. "Immunization with Live Recombinant <i>Salmonella typhimurium aroA</i> Producing F1 Antigen Protects against Plague", Infection and Immunity, Feb. 1995, 63(2): 563-568.	
J13	Formal et al. "Genetic Transfer of <i>Shigella Flexneri</i> Antigens to <i>Escherichia coli</i> K-12" Infection and Immunity, March 1970, 1(3): 279-287.	
EXAMINER	DATE CONSIDERED	
JAMES KETTER PRIMARY EXAMINER	9/19/01	

FORM PTO-1449	ATTY. DOCKET NO.	182.0001	SERIAL NO.	09/512,810
APPLICANT		BRANSTROM ET AL.		
FILING DATE		February 25, 2000	GROUP	1641

REFERENCE DESIGNATION

U.S. PATENT DOCUMENTS

OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, etc.)

J14	Sansonetti et al. "Alterations in the Pathogenicity of <i>Escherichia coli</i> K-12 After Transfer of Plasmid and Chromosomal Genes from <i>Shigella Flexneri</i> ", Infection and Immunity, March 1983, 39(3): 1392-1402.	
	J15	Formal et al. "Oral Vaccination of Monkeys with an Invasive <i>Escherichia coli</i> K-12 Hybrid Expressing <i>Shigella Flexneri</i> 2a Somatic Antigen", Infection and Immunity, November 1984, 46(2): 462-469.
	J16	Newland et al. "Genotypic and phenotypic characterization of an <i>aroD</i> deletion-attenuated <i>Escherichia coli</i> K12- <i>Shigella Flexneri</i> hybrid vaccine expressing <i>S. flexneri</i> 2a somatic antigen", Vaccine, 1992 10(11): 766-776.
	J17	Portnoy et al. "The Cell Biology of <i>Listeria monocytogenes</i> Infection (Escape from a Vacuole)", Annals New York Academy of Sciences, August 15, 1994, 730: 15-25.
	J18	Kadurugamuwa et al. "Intercellular Spread of <i>Shigella flexneri</i> through a Monolayer Mediated by Membranous Protrusions and Associated with Reorganization of the Cytoskeletal Protein Vinculin", Infection and Immunity, Oct. 1991, 59(10): 3463-3471.
	J19	Lawlor et al. "Virulence of Iron Transport Mutants of <i>Shigella flexneri</i> and Utilization of Host Iron Compounds", Infection and Immunity, March 1987, 55(3): 594-599.
	J20	Vasselon et al. "Stress Fiber-Based Movement of <i>Shigella flexneri</i> within Cells", Infection and Immunity, May 1991, 59(5): 1723-1732.
	J21	Barrow et al. "Contribution of <i>Salmonella gallinarum</i> Large Plasmid toward Virulence in Fowl Typhoid", Infection and Immunity, February 1987, 55(2): 388-392.
	J22	Barrow et al. "Host Specificity of <i>Salmonella</i> Infection in Chickens and Mice Is Expressed In Vivo Primarily at the Level of the Reticuloendothelial System", Infection and Immunity, October 1994, 62(10): 4602-4610.
	J23	Keller et al. " <i>Salmonella enteritidis</i> Colonization of the Reproductive Tract and Forming and Freshly Laid Eggs of Chicken", Infection and Immunity, July 1995, 63(7): 2443-2449.
J24	Hassan et al. "Virulent <i>Salmonella typhimurium</i> -Induced Lymphocyte Depletion and Immunosuppression in Chickens", Infect. and Immun., May 1994, 62(5):2027-2036	
EXAMINER JAMES KETTER PRIMARY EXAMINER		DATE CONSIDERED 9/19/01

FORM PTO-1449	ATTY. DOCKET NO.	182.0001	AL NO.	09/512,810
APPLICANT		BRANSTROM ET AL.		
FILING DATE		February 25, 2000	GROUP	1641

REFERENCE DESIGNATION U.S. PATENT DOCUMENTS

OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, etc.)

J25	Cardenas et al. "Stability, immunogenicity and expression of foreign antigens in bacterial vaccine vectors", Vaccine, 1993, 11(2): 126-135.	
	J27	Cirillo et al. "Bacterial Vaccine Vectors and Bacillus Calmette-Guerin", Clinical Infectious Diseases, 1995, 20: 1001-1009.
	J28	Sizemore et al. "Attenuated Shigella as a DNA Delivery Vehicle for DNA-Mediated Immunization", Science, October 13, 1995, 270:289-302.
	J29	Aggarwal et al, "Oral Salmonella: Malaria Circumsporozoite Recombinants Induce Specific CD8+ Cytotoxic T Cells", J. Exp. Med., 1990, 172(4):1083-1090.
	J30	Noriega et al. "Construction and Characterization of Attenuated Δ aroA Δ virG Shigella flexneri 2a Strain CVD 1203, a Prototype Live Oral Vaccine", Infection and Immunity, November 1994, 62(11): 5168-5172.
	J31	Cory et al, "Characterization of a Messenger RNA Polynucleotide Vaccine Vector", Cancer Research, April 1, 1995, 55: 1397-1400.
J32	Ulmer et al, "Heterologous Protection Against Influenza by Injection of DNA Encoding a Viral Protein", March 19, 1993, 259: 1745-1749. 19 March 1993, 259: 1745-1749.	
J33	Wolff et al, "Direct Gene Transfer into Mouse Muscle In Vivo", Science, March 23, 1990, 247:1465-1468.	
J34	Gillies et al. "A Tissue-Specific Transcription Enhancer Element is located in the Major Intron of a Rearranged Immunoglobulin Heavy Chain Gene", Cell, 33:717-728 (1983)	
J35	Sandri-Goldin et al. "High-Frequency Transfer of Cloned Herpes Simplex Virus Type 1 Sequence to Mammalian Cells by Protoplast Fusion", Mol. Cell. Biol., August 1981, 1(8):743-752	
J36	Schaffner et al. "Direct Transfer of Cloned Genes from Bacteria to Mammalian Cells", Proc. Natl. Acad. Sci. USA, 1988, 77(4):2163-2167.	
EXAMINER JAMES KETTER PRIMARY EXAMINER		DATE CONSIDERED 9/19/01

FORM PTO-1449	ATTY. DOCKET NO.	182.0001	AL NO.	09/512,810
APPLICANT		BRANSTROM ET AL.		
FILING DATE		February 25, 2000	GROUP	1641

REFERENCE DESIGNATIONS U.S. PATENT DOCUMENTS

OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, etc.)

J37	Van De Verg et al. "Antibody and cytokine responses in a mouse pulmonary model of <i>Shigella flexneri</i> serotype 2a infection. Infection and Immunity, 1995, 63: 1947-1954.	
	J38	Sun et al. "Cholera toxin B subunit: an efficient transmucosal carrier-delivery system for induction of peripheral immunological tolerance. PNAS, 1994, 91: 10795-10799
	J39	ASM Meeting News, 95th General Meeting, Washington, DC May 23, 1995. Mucosal surfaces present a new vaccine approach.
	J40	Zychlinsky et al. " <i>Shigella flexneri</i> induces apoptosis in infected macrophages", Nature, 1992, 358: 167-169.
	J41	Hartman et al. "Small -animal model to measure efficacy and immunogenicity of <i>Shigella</i> vaccine strains", Infection and Immunity, 1991, 59: 4075-4083
	J42	Oaks et al. "Plaque formation by virulent <i>Shigella flexneri</i> ", Infection and Immunity, 1985, 48: 124-129
	J43	Mills et al. " <i>Shigella flexneri</i> invasion plasmid antigens B and C: epitope location and characterization with monoclonal antibodies. Infection and Immunity, 1998, 56: 2933-2941.
J44	Hartman et al. "Local immune response and protection in the guinea pig keratoconjunctivitis model following immunization with <i>Shigella</i> vaccines. Infection and Immunity, 1998, 62: 412-420.	
J45	Steiner et al. "The Missing Link in Phage Lysis of Gram-Positive Bacteria: Gen 14 of <i>Bacillus subtilis</i> Phage sym29 Encodes the Functional Homology of Lambda S Protein", Journal of Bacteriology, 1993, 175(4): 1038-1042.	
EXAMINER JAMES KETTER PRIMARY EXAMINER		DATE CONSIDERED 9/19/01

FORM PTO-1449	ATTY. DOCKET NO.	182.0001	FILE NO.	09/512,810
APPLICANT		BRANSTROM ET AL.		
FILING DATE		February 25, 2000	GROUP	1641

REFERENCE DESIGNATION U.S. PATENT DOCUMENTS
OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, etc.)

J47	Nakayama et al. "Construction of an ASD ⁺ expression-cloning vector; stable maintenance and high level expression of cloned genes in a <i>Salmonella</i> vaccine strain. Bio/Technology, 1988, 6: 693-697.	
	J48	Pascual et al. "Oral Bacterial Vaccine Vectors for the Delivery of Subunit and Nucleic Acid Vaccines to the Organized Lymphoid Tissue of the Intestine", Behring Inst. Mitt., 1997, 98: 143-152.
	J49	Branstom, Arthur A. "Stable plasmid maintenance of HIV genes in <i>S. typhimurium</i> and <i>S. typhi</i> ", Presented at the 33rd ICAAC, New Orleans, LA, 20 October 1993, Abstract #102888.
	J50	Fouts et al. "Construction and characterization of a <i>Salmonella typhi</i> -based human immunodeficiency virus type 1 vector Vaccine ", Vaccine, 1995, 13(6): 561-569.
	J51	Yoshikawa et al. "Construction and evaluation of a <i>virG thyA</i> double mutant of <i>Shigella flexneri</i> 2a as candidate live- attenuated oral vaccine", Vaccine, 1995, 13(15) 1436-1440.
	J52	Sandlin et al. "Avirulence of Rough Mutans of <i>Shigella flexneri</i> : Requirement of O Antigen for Correct Unipolar Localization of IcsA in the Bacterial Outer Membrane", Infection and Immunity, 1995, 63(1): 229-237.
	J53	Darji et al. "Oral Somatic Transgene Vaccination Using Attenuated <i>S. typhimurium</i> ", Cell, 1997, 91: 765-775.
	J54	Karow et al. "Isolation and Characterization of the <i>Escherichia coli htrB</i> Gene, Whose Product Is Essential for Bacterial Viability above 33C i Rich Media", Journal of Bacteriology, 1991, 173(2): 741-750.
	J55	Lipinska et al. "The <i>htrA</i> (DegP) Protein, Essential for <i>Escherichia coli</i> Survival at High Temperatures, Is an Endopeptidase", Journal of Bacteriology, 1990, 172(4): 1791-1797,
EXAMINER JAMES KETTER PRIMARY EXAMINER		DATE CONSIDERED 9/19/01

FORM PTO-1449	ATTY. DOCKET NO.	182.0001	FILE NO.	09/512,810
APPLICANT		BRANSTROM ET AL.		
FILING DATE		February 25, 2000	GROUP	1641

REFERENCE DESIGNATION U.S. PATENT DOCUMENTS
OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, etc.)

J56	Baumler et al. "Salmonella typhimurium Loci Involved in Survival within Macrophages", Infection and Immunity, May 1994, 62(5): 1623-1630.	
	J57	Johnson et al. "The role of a stress-response protein in <i>Salmonella typhimurium</i> virulence", Molecular Microbiology, 1991, 5(2): 401-407.
	J58	Dolly Aggarwal Parasrampur "Therapeutic Delivery Issues in Gene Therapy, Part 1 Vectors", BioPharm, March 1998, 38-44.
	J59	Dolly Aggarwal Parasrampur "Therapeutic Delivery Issues in Gene Therapy, Part 2 Targeting Approaches", BioPharm, May 1998, 58-66.
J60	Dietrich et al. "Delivery of antigen-encoding plasmid DNA into the cytosol of macrophages by attenuated suicide <i>Listeria monocytogenes</i> ", Nature Biotechnology, January 1998, 16: 181-185.	
J61	John Travis, "Swallowing Shigella can bacteria that cause food poisoning deliver oral DNA vaccines?" Science News, May 1996, 149:302-303.	
J62	Allsopp et al., "Comparison of numerous delivery systems for the induction of Cytotoxic T Lymphocytes by immunization." Eur J Immunol, Aug 1996, 26 (8): 1951-1959 abstract	
J63	Anderson et al., "Gene expression in rainbow trout (<i>Oncorhynchus mykiss</i>) following Intramuscular injection of DNA." Mol Mar Biol Biotechnol, June 1996, 5 (2): 105-113 abstract	
J64	Bellon et al, "Aerosol administration of a recombinant adenovirus expressing CFTR to Cystic fibrosis patients: a phase I clinical trial." Hum Gene Ther, January 1997, 8(1): 15-25 abstract	
EXAMINER JAMES KETTER PRIMARY EXAMINER		DATE CONSIDERED 9/19/01

FORM PTO-1449	ATTY. DOCKET NO.	182.0001	AL NO.	09/512,810
APPLICANT		BRANSTROM ET AL.		
FILING DATE		February 25, 2000	GROUP	1641

REFERENCE DESIGNATION U.S. PATENT DOCUMENTS

OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, etc.)

J65	Bielecki et al., "Bacillus subtilis expressing a haemolysin gene from Listeria
	Monocytogenes can grow in mammalian cells." Nature, May 1990, 345(6271):
	175-176 abstract
J66	Bourne et al. "DNA immunization against experimental genital herpes simplex virus
	Infection." J Infect Dis, April 1996, 173 (4): 800-807 abstract
J67	Boyer et al., "In vivo protective anti-HIV immune responses in non-human primates
	Through DNA immunization." J Med Primatol, June 1996, 25(3): 242-250
	abstract
J68	Brehm et al., "Regulation of virulence gene expression pathogenic Listeria."
	Microbiologia, 1996, 12 (2): 219-236 abstract
J69	Cirillo et al., "Identification of a domain in Rck, a product of the Salmonella typhimurium
	Virulence plasmid, required for both serum resistance and cell invasion." Infect Immun
	1996, 64(6): 2019-2023 abstract
J70	Citovsky et al., "Transport of nucleic acids through membrane channels: snaking
	Through small holes." Annu Rev Microbiol, 1993, 47: 167-197 abstract
J71	Collas, et al., "The nuclear localization sequence of the SV40 T antigen promotes
	Transgene uptake and expression in zebrafish embryo nuclei." Transgenic Res
	Nov 1996, 5 (6): 451-458 abstract
J72	Courvalin et al., "Gene transfer from bacteria to mammalian cells." C R Acad Sci III
	Dec 1995, 318 (12): 1207-1212 abstract
J73	Davis, et al., "DNA vaccine for hepatitis B: evidence for immunogenicity in
	Chimpanzees and comparison with other vaccines." Proc Natl Acad Sci USA
	July 1996, 93 (14): 7213-7218 abstract
EXAMINER	
JAMES KETTER PRIMARY EXAMINER	DATE CONSIDERED 9/19/01

FORM PTO-1449	ATTY. DOCKET NO.	182.0001	AL NO.	09/512,810
APPLICANT		BRANSTROM ET AL.		
FILING DATE		February 25, 2000	GROUP	1641

REFERENCE DESIGNATIONS, U.S. PATENT DOCUMENTS

OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, etc.)

	J74	Donnelly, et al., "Preclinical efficacy of a prototype DNA vaccine: enhanced protection against antigenic drift in influenza virus." Nat Med June 1995, 1(6):583-587 abstract
	J75	Dowty et al., "Plasmid DNA entry into postmitotic nuclei of primary rat myotubes." Proc Natl Acad Sci USA, 1995, 92(10): 4572-4576 abstract
	J76	Elsinghorst et al., "Molecular cloning of epithelial cell invasion determinants from Enterotoxigenic Escherichia coli." Infect Immun, June 1992, 60 (6): 2409-2417 abstract
	J77	Finaly et al., "Comparison of the invasion strategies used by Salmonella cholerae-Suis, Shigella flexneri and Yersinia enterocolitica to enter cultured animal cells: Endosome acidification is not required for bacterial invasion or intracellular replication" Biochimie, 1988, 70(8): 1089-1099 abstract
	J78	Fleszig et al., "Relationship between cytotoxicity and corneal epithelial cell invasion By clinical isolates of Pseudomonas aeruginosa." Infect Immun, 1996, 64 (6): 2288-2294 abstract
	J79	Fletcher et al., "Novel invasion determinant of enteropathogenic Escherichia coli Plasmid pLV501 encodes the ability to invade intestinal epithelial cells and Hep-2 Cells." Infect Immun, 1992, 60 (6): 2229-2236 abstract
	J80	Freitag et al., "Transcriptional activation of the Listeria monocytogenes hemolysin gene In Bacillus subtilis." J Bacteriol, Feb 1992, 174 (4): 1293-1298 abstract
	J81	Fynan et al., "Use of DNA encoding influenza hemagglutinin as an avian influenza Vaccine." DNA Cell Biol, Nov 1993, 12(9): 785-789 abstract
	J82	Fynan et al., "DNA vaccines: protective immunizations by parenteral, mucosal, and Gene-gun inoculations." Proc Natl Acad Sci USA, Dec 1993, 90 (24): 11478-11482 abstract
	EXAMINER JAMES KETTER PRIMARY EXAMINER	

FORM PTO-1449	ATTY. DOCKET NO.	182.0001	AL NO.	09/512,810
APPLICANT		BRANSTROM ET AL.		
FILING DATE		February 25, 2000	GROUP	1641

REFERENCE DESIGNATION U.S. PATENT DOCUMENTS

OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, etc.)

J83	Fynan et al., "DNA vaccines: a novel approach to immunization." Int J Immunophar-
	Macol, Feb 1995, 17 (2): 79-83, abstract
	J84
	Gaillard et al., "The in1AB locus mediates the entry of Listeria monocytogenes into
	Hepatocytes in vivo." J Exp Med, 1996, 183(2): 359-369, abstract
J85	Galan., "Cloning and characterization of the asd gene of <i>Salmonella typhimurium</i> :
	In stable maintenance of recombinant plasmids in <i>Salmonella</i> vaccine strains." Gene,
	1990, 94 (1): 29-35. abstract use
J86	Graessmann et al., "Helper activity for gene expression, a novel function of the SV40
	Enhancer." Nucleic Acids Res, 1989, 17 (16): 6603-6612. abstract
J87	Greco et al., "Invasion of cultured human cells by <i>Streptococcus pyogenes</i> ."
	Res Microbiol, 1995, 146 (7): 551-560 abstract
J88	Hanski et al., "Determinants of invasion and survival of <i>Yersinia enterocolitica</i> in
	Intestinal tissue. An in vivo study." Med Microbiol Immunol, 1989, 178 (5): 289-296
	abstract
J89	Henrich et al., "Primary structure and functional analysis of the lysis genes of
	<i>Lactobacillus gasseri</i> bacteriophage phi adh." J Bacteriol, 1995, 177 (3): 723-732
	abstract
J90	Hess et al., "Listeria monocytogenes p60 supports host cell invasion by and in vivo
	Survival of attenuated <i>Salmonella typhimurium</i> ." Infect Immun, 1995, 63 (5):
	2047-2053 abstract
J91	Hoang et al., "Molecular genetic analysis of the region containing the essential
	<i>Pseudomonas aeruginosa</i> asd gene encoding aspartate-beta-semialdehyde
	Dehydrogenase." Microbiology, 1997, 143(pt3): 899-907 abstract

EXAMINER

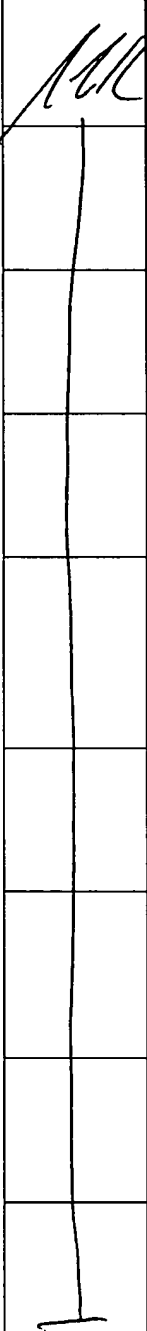
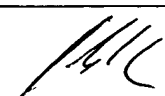
JAMES KETTER
PRIMARY EXAMINER

DATE CONSIDERED

9/19/01

FORM PTO-1449	ATTY. DOCKET NO.	182.0001	AL NO.	09/512,810
APPLICANT		BRANSTROM ET AL.		
FILING DATE		February 25, 2000	GROUP	1641

REFERENCE DESIGNATION U.S. PATENT DOCUMENTS
OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, etc.)

	J92	Hoffman et al., "Nucleic acid malaria vaccines. Current status and potential." Ann NY Acad Sci, Nov 1995, 772: 88-94 abstract
	J93	Huang et al., "Escherichia coli invasion of brain microvascular endothelial cells in Vitro and in vivo: molecular cloning and characterization of invasion gene ibe10." Infect Immun, Nov 1995, 63 (11): 4470-4475 abstract
	J94	Jones S, Portnoy, "Characterization of Listeria monocytogenes pathogenesis in a strain expressing perfringolysin O in place of listeriolysin O." Infect Immun, 1994, 62 (12): 5608-5613 abstract
	J95	Jones et al., "Conversion of an extracellular cytolysin into a phagosome-specific lysin which supports the growth of an intracellular pathogen", Mol Microbiol, 1996, 21(6): 1219-1226 abstract
	J96	Karunasagar et al., "Complementation of Listeria seeligeri with the plcA-prfA genes from L. monocytogenes activates transcription of seeligerolysin and leads to bacterial escapes from the phagosome of infected mammalian cells." FEMS Microbiol Lett, Jan 1997, 146 (2): 303-310 abstract
	J97	Keller et al., "In vivo particle-mediated cytokine gene transfer into canine oral mucosa and epidermis." Cancer Gene Ther, May 1996, 3 (3): 186-191 abstract
	J98	Kusters et al., "Effects of multiplicity of infection, bacterial protein synthesis, and growth phase on adhesion to and invasion of human cell lines by Salmonella typhimurium." Infect. Immun, 1993, 61 (12): 5013-5020 abstract
	J99	Labat-Moleur et al., "An electron microscopy study into the mechanism of gene transfer with lipopolyamines." Gene Ther, 1996, 3 (11): 1010-1017 abstract
	J100	Lu S et al., "Simian immunodeficiency virus DNA vaccine trial in macaques." J Virol, June 1996, 70 (6): 3978-3991 abstract
	EXAMINER JAMES KETTER PRIMARY EXAMINER 	

FORM PTO-1449	ATTY. DOCKET NO.	182.0001	AL NO.	09/512,810
APPLICANT		BRANSTROM ET AL.		
FILING DATE		February 25, 2000	GROUP	1641

REFERENCE DESIGNATION OF OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, etc.)

141	J101	Mahvi et al. "Particle-mediated gene transfer of granulocyte-macrophage colony-stimulating factor cDNA to tumor cells: implications for a clinically relevant tumor vaccine." Hum Gene Ther, August 1996, 7 (13): 1535-1543 abstract
	J102	Miliotis et al. "Adherence to and invasion of tissue culture cells by Vibrio hollisae." Infect Immun, 1995, 63(12): 4959-4963 abstract
	J103	Miller, VL, "Tissue-culture invasion: fact or artefact?" Trends Microbiol, Feb 1995, 3(2): 69-71 abstract
	J104	Monteil et al, "Genetic immunization of seronegative one-day-old piglets against pseudorabies induces neutralizing antibodies but not protection and is ineffective in piglets from immune dams." Vet Res, 1996, 27(4-5): 443-452 abstract
	J105	Naughton et al., "A rat model of infection by Salmonella typhimurium or Salm. enteritidis." J Appl Bacteriol, 1996, 81(6): 651-656 abstract
	J106	Oelschlaeger et al., "Some structures and processes of human epithelial cells involved in uptake of enterohemorrhagic Escherichia coli O157:H7 strains." Infect Immun, 1994, 62(11): 5142-5150 abstract
	J107	Okuda et al., "Induction of potent humoral and cell-mediated immune responses following direct injection of DNA encoding the HIV type 1 env and rev gene products." Aids Res Hum Retroviruses, Aug 1995, 11(8): 933-943 abstract
	J108	Pepe et al., "Yersinia enterocolitica invasin: a primary role in the initiation of infection." Proc Natl Acad Sci USA, July 1993, 90 (14): 6473-6477 abstract
	J109	Portnoy et al., "Capacity of listeriolysin O, streptolysin O, and perfringolysin O to mediate growth of Bacillus subtilis within mammalian cells." Infect Immun, 1992, 60 (7): 2710-2717 abstract
EXAMINER JAMES KETTER PRIMARY EXAMINER		DATE CONSIDERED 9/19/01

FORM PTO-1449	ATTY. DOCKET NO.	182.0001	AL NO.	09/512,810
APPLICANT		BRANSTROM ET AL.		
FILING DATE		February 25, 2000	GROUP	1641

REFERENCE DESIGNATION U.S. PATENT DOCUMENTS
OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, etc.)

1411	J110	Rakhmievich et al., "Gene gun-mediated skin transfection with interleukin 12 gene results in regression of established primary and metastatic murine tumors." Proc Natl Acad Sci USA, June 1996, 93 (13): 6291-6296 abstract
	J111	Raz et al., "Modulation of disease activity in murine systemic lupus erythematosus by cytokine gene delivery." Lupus, Aug 1995, 4 (4): 286-292 abstract
	J112	Robinson et al., "Protection against a lethal influenza virus challenge by immunization with a haemagglutinin-expressing plasmid DNA." Vaccine, 1993, 11 (9): 957-960 abstract
	J113	Schmidt et al., "Three functions of bacteriophage P1 involved in cell lysis." J Bacteriol, 1996, 178 (4): 1099-1104 abstract
	J114	Sedagah et al., "Protection against malaria by immunization with plasmid DNA encoding cirumsporozoite protein." Proc Natl Acad Sci USA, Oct 1994, 91 (21): 9866-9870 abstract
	J115	Shaw, D, "Human tests on a vaccine to stop AIDS" Philadelphia Inquirer, March 25, 1996, C01
	J116	Stocker et al., "Aromatic-dependent "Salmonella sp." as live vaccine in mice and calves." Dev Biol Stand, 1983, 53: 47-54 abstract
	J117	Teyssere et al., "Rickettsia conorii entry into Vero cells." Infect Immun, 1995, 63 (1): 366-374 abstract
J118	Thorsness et al., "Escape and migration of nucleic acids between chloroplasts, mitochondria, and the nucleus." Int Rev Cytol, 1996, 165:207-234 abstract	
EXAMINER JAMES KETTER PRIMARY EXAMINER		DATE CONSIDERED 9/19/01

FORM PTO-1449	ATTY. DOCKET NO.	182.0001	SERIAL NO.	09/512,810
APPLICANT		BRANSTROM ET AL.		
FILING DATE		February 25, 2000	GROUP	1641

REFERENCE DESIGNATION

U.S. PATENT DOCUMENTS

OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, etc.)

111	J119	Valentin-Weigand et al., "Correlation of epithelial cell invasiveness of group B streptococci with clinical source of isolation." Microb Pathog, 1995, 19 (2): 83-91 abstract
	J120	Valentin-Weigand et al, "Characterization of group B streptococcal invasion in HEp-2 epithelial cells." FEMS Microbiol Lett, 1997, 147 (1): 69-74 abstract
	J121	Verjans et al, "Entrance and survival of Salmonella typhimurium and Yersinia enterocolitica within human B – and T-cell lines." Infect Immun, 1994, 62 (6): 2229-2235 abstract
	J122	Verma et al, "Construction of aromatic dependent Shigella flexneri 2a live vaccine candidate strains: deletion mutations in the aroA and the aroD genes." Vaccine, 1991, 9 (1): 6-9 abstract
	J123	Vicente et al, "Reacquisition of virulence of haemolysin-negative Listeria monocytogenes mutants by complementation with plasmid carrying the hlyA gene." Acta Microbiol Hung, 1989, 36 (2-3): 199-203 abstract
	J124	Wachtel et al, "In vitro and in vivo characterization of an ail mutant of Yersinia enterocolitica." Infect Immun, 1995, 63 (7): 2541-2548 abstract
	J125	Xiang et al, "Immune responses to nucleic acid vaccines to rabies virus." Virology, June 1995, 209 (2): 569-579 abstract
	J126	Yasutomi et al, "Simian immunodeficiency virus-specific cytotoxic T-lymphocyte induction through DNA vaccination of rhesus monkeys." J Virol, Jan 1996, 70 (1): 678-681 abstract
J127	Yokoyama et al, "DNA immunization: effects of vehicle and route of administration on the induction of protective antiviral immunity." FEMS Immunol Med Microbiol, July 1996, 14 (4): 221-230 abstract	
EXAMINER JAMES KETTER PRIMARY EXAMINER		DATE CONSIDERED 9/19/01